



MATERIAL SAFETY DATA SHEET

2-1-85

MANUFACTURER: Owens-Corning Fiberglas Corporation

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Insulation

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PRODUCT NAME(s): DOES NOT INCLUDE Molding Media

Fiberglas® Insulation, Kraft Faced Insulation, Foil Faced Insulation, Blowing Wool, ThermaCube® Insulation, Type M Plus, Aerocor® Insulation, Appliance Insulation, ASJ Pipe Covering, Pipe Wrap, 700 Series Industrial Insulation, Navy Board, Hull Board, Marine Insulation, Ceiling Panels, 475 FRK Duct Board, Aeroflex® Duct Liner, Duct Wrap, Molded Pipe, Sill Sealer, Mobile Home Insulation, Warm-N-Dri™ Insulation, CW225 Insulation, Flame Spread 25 Insulation, Sonobatts, Commercial Use Board, Noise Barrier Batts, Roof Insulation

SECTION I - COMPONENT DATA

HAZARDOUS INGREDIENTS

<u>COMMON NAME</u>	<u>CHEMICAL NAME</u>	<u>C.A.S. NUMBER</u>
Fiberglass	Fibrous Glass	65997-17-3

SECTION II - PHYSICAL DATA

BOILING POINT (°F): NA*

SPECIFIC GRAVITY (H₂O=1): ND

MELTING POINT: NA

VAPOR PRESSURE (mmHg @ 20°C): NA

PERCENT VOLATILE BY VOLUME: NA

VAPOR DENSITY (AIR=1): NA

EVAPORATIVE RATE (ETHYL ETHER=1): NA

*NA = Not Applicable

**Not Determined

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Inhalation

HEALTH HAZARDS (ACUTE AND CHRONIC)

INHALATION:

Acute: Mechanical irritation of the mouth, nose and throat.

Chronic: Many studies have been conducted to determine the potential long term effects of fibrous glass inhalation. In man, epidemiology studies of workers employed for up to 40 years in fibrous glass manufacturing do not show any consistent evidence of pulmonary disease, either malignant or nonmalignant. Studies in animals using the natural route of exposure - i.e., inhalation - have not shown evidence of a carcinogenic effect. Artificial implantation of large quantities of very fine glass fibers in the chest or abdominal cavities of laboratory animals has caused cancer. One animal study, in which large quantities of very fine diameter glass fibers were injected into the trachea of hamsters, reported cancer.

SKIN CONTACT:

Acute: Transient mechanical irritation.

Chronic: None

EYE CONTACT:

Acute: Direct contact will cause mechanical irritation.

Chronic: None

INGESTION:

Acute: Unlikely to occur. Observe individual; if symptoms develop, consult physician.

Chronic: None known

SIGNS AND SYMPTOMS OF EXPOSURE:

Itching and possible irritation of upper respiratory tract.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Any condition generally aggravated by mechanical irritants in air or on skin.

EXPOSURE LIMITS:

<u>HAZARDOUS INGREDIENTS</u>	<u>OSHA PEL (mg/M³)</u>	<u>ACGIH TLV (mg/M³)</u>	<u>OTHER RECOMMENDED (SOURCE)</u>
Fibrous Glass	15 mg/M ³	10 mg/M ³	3 x 10 ⁶ fibers/M ³ (NIOSH)

CARCINOGENICITY:

<u>HAZARDOUS INGREDIENTS</u>	<u>NTP LISTED</u>	<u>IARC LISTED</u>	<u>OSHA REGULATED</u>
Fibrous Glass	No	No	No

SECTION VI - EMERGENCY & FIRST - AID PROCEDURES

INHALATION:

Vinyl faced products in fire conditions - administer oxygen; consult physician immediately.

SKIN:

Wash with soap and running water.

EYES:

Flush with running water for at least 15 minutes.

SECTION VII - SPECIAL HANDLING INFORMATION

VENTILATION:

Ambient

RESPIRATORY PROTECTION:

Not normally required. If TLV is exceeded or irritation occurs use a respirator such as 3M model 8710 or equivalent for protection against nuisance dust.

PROTECTIVE CLOTHING:

Gloves, long sleeved, loose fitting clothing, long pants. A cap may be useful when handling material overhead.

EYE PROTECTION: Safety glasses

WORK/HYGIENIC PRACTICES:

Shower at end of work day. Wash work clothes separately and wipe out washer at end of cycle.

SECTION VIII - SPILL, LEAK & DISPOSAL PROCEDURES

ACTION TO TAKE FOR SPILLS (USE APPROPRIATE SAFETY EQUIPMENT):

NA